

EYEZONE PIO2-I2

User Manual



FCC Notices

It's herewith confirmed to comply with the requirements of FCC Part 15 Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generated uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio of television reception, which can be determined by turning the equipment off or on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

CE Declaration

This device complies with CE class B.

*EN55013

EN61000-3-2

EN61000-3-3

EN55020

Printed in Taiwan R.O.C.

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Dec 10, 07
34459F00

CONTENTS

1. Package Contents.....	1
2. Introduction.....	1
3. Features.....	2
4. Hardware Overview.....	2
5. Remote Control.....	3
6. Setting Up.....	4
6.1 Slide Setup.....	4
6.2 Music Setup.....	4
6.3 Movie Setup.....	4
6.4 Slideshow Setup.....	5
6.5 Preference.....	5
7. Using the P102-12.....	6
7.1 Play Picture File.....	6
7.2 Play Music File.....	7
7.3 Play Movie File.....	8
7.4 File Library.....	9
7.5 Hot Key.....	9
8. Using the RFID Function.....	10
8.1 Demo Files.....	10
8.2 Attach the Tags to Products.....	10
8.3 Play the Demo File.....	10
9. Troubleshooting.....	11

1. PACKAGE CONTENT



P102-12



User
Manual



Remote
Control



Tags



S-Video
Cable



Audio
Cable



Power
Adapter



Protect
Cover

- | | |
|-------------------|---------------------------------|
| 1. P102-12 | 5. S-Video Cable |
| 2. User Manual | 6. Audio Cable |
| 3. Remote Control | 7. Power Adapter (DC 12V, 1.5A) |
| 4. Tags | 8. Protect Cover |

2. INTRODUCTION

The Eyezone P102-12 is a smart solution of interactive demo system. The Eyezone P102-12 with built-in RFID antenna will play the corresponding video when induces the signal of tagged product is approached

The Eyezone P102-12 can be used in many kinds of store to introduce products. For example, cosmetic products could trigger the video display when the customer picks up a particular product and approaches the Eyezone P102-12. It's a very good product for POP market.

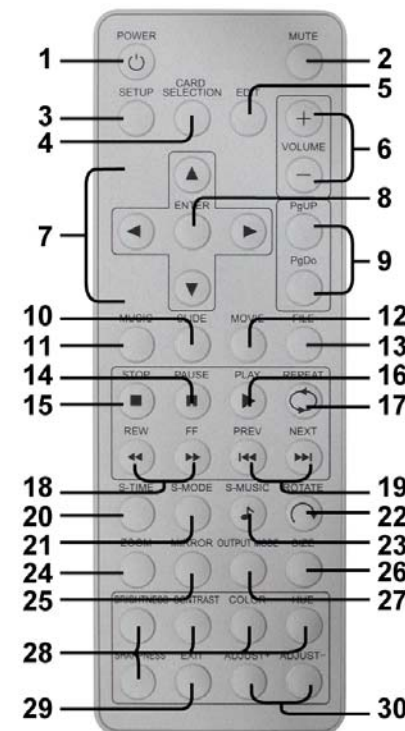
3. FEATURES

- Supports multiple file formats: Picture, Music and Video.
- Supports CF, SD, MMC and MS (Pro) memory card.
- Built-in 10.2" TFT-LCD display and stereo speakers.
- Supports S-Video and Audio input to connect to DVD player or video game player.
- Includes a full-function infrared remote control.
- Multi-Language OSD: English, French, German, Italian, Portuguese, Spanish, Netherlands, Japanese and Chinese.
- **Supports RFID Function**
 - The Eyezone P102-12 will play the corresponding file when induces the signal of tagged product is approached.
 - The Eyezone P102-12 can distinguish up to 1000 unique tags.
 - The signal of tagged product can be induced by the built-in antenna up to a distance of 2 centimeter. The built-in antenna can be customized to external antenna for OEM project.
- Multi-LanSupports SLIDE SHOW Function: With 14 kinds of transition effects.
- Supports SLIDE TIME (INTERVAL) Mode : Interval time with 1, 3, 5, 10, 30, 60 seconds.
- Supports MUSIC SLIDE Show : Music and pictures play at the same time.
- Supports ZOOM IN (ON) 4x & PAN, ROTATE, MIRROR, PREVIEW and REPEAT.

4. HARDWARE OVERVIEW



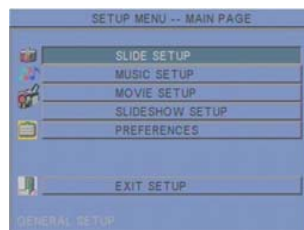
5. REMOTE CONTROL



- 1 Power on/ off
- 2 Mute sound
- 3 Open the setup menu
- 4 Memory card selection
- 5 Show the information of the file selected
- 6 Volume up/ down
- 7 Move the cursor
- 8 Confirm the selection/ entry
- 9 Go to the previous/ next page or image
- 10 Display all photo files
- 11 Display all music files
- 12 Display all movie files
- 13 Go to file library (all files)
- 14 Pause/ resume playback
- 15 Stop playback
- 16 Play the selected file
- 17 Select the repeat mode
- 18 Rewind/ forward movies
- 19 View the previous/ next file
- 20 Set the slideshow interval to 1, 3, 5, 10, 30, 60 seconds
- 21 Set the transition effect
- 22 Rotate photo 90 degrees clockwise on the screen
- 23 Play music and pictures at the same time
- 24 Zoom in the image up to 4x magnification
- 25 Mirror the image horizontally
- 26 Set the screen type to 16:9 or 4:3
- 27 Select the output mode
- 28 Set the Brightness/ Contrast/ Color/ Hue/ Sharpness of the panel
- 29 To save and quit the setting screen of panel
- 30 Adjust the Brightness/ Contrast/ Color/ Hue/ Sharpness of the panel

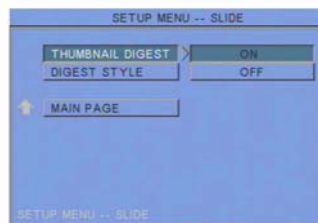
6. SETTING UP

- Press the “SETUP” button on the remote control to open the “SETUP MENU – MAIN PAGE” shown in the following figure. There are five groups of sub-menu in the setup menu.
- Use the “▲、▼、◀、▶” buttons to select an item or to adjust values, and use the “ENTER” button to go into the function or to confirm the command.



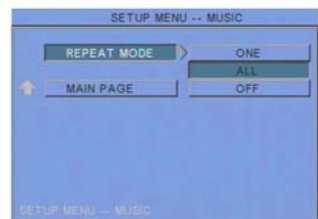
6.1 SLIDE SETUP

- **THUMBNAIL DIGEST** : Thumbnails load faster and allow you to browse photos easily.
- **DIGEST STYLE** : Choose the slide preview mode. (2x2 / 3x3)



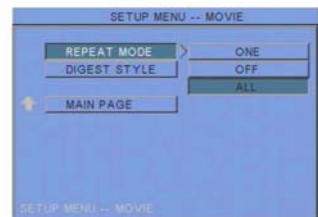
6.2 MUSIC SETUP

- **REPEAT MODE**
 - **ONE** : Repeat the selected song.
 - **ALL** : Repeat all the songs on the memory card.
 - **OFF** : Turn off the repeat function.



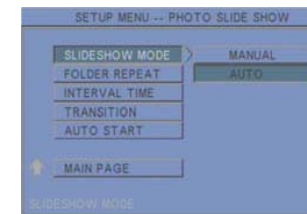
6.3 MOVIE SETUP

- **REPEAT MODE**
 - **ONE** : Repeat the selected movie.
 - **OFF** : Turn off the repeat function.
 - **ALL** : Play all the movies on the memory card.
- **DIGEST STYLE** : Choose the movie preview mode. (2x2 / 3x3)



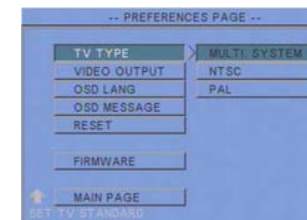
6.4 SLIDESHOW SETUP

- **SLIDESHOW MODE** : Set the slideshow to start automatically.
- **FOLDER REPEAT** : Set all files (picture, music or movie) in the folder to show only once or continuously (loop).
- **INTERVAL TIME** : Set the time each photo is shown to 1, 3, 5, 10, 30 or 60 seconds.
- **TRANSITION (EFFECT)** : Set the transition effect and auto slide with sequential or random playback.
- **AUTO START** : Enable/ disable auto playing media files on the memory card when the device is turned on.



6.5 PREFERENCE

- **TV TYPE**: Choose the TV TYPE.
 - **MULTI . SYSTEM** : Set the TV type automatically.
 - **NTSC**: Set the TV type to NTSC.
 - **PAL**: Set the TV type to PAL.
- **VIDEO OUTPUT** : Select the video output mode.
- **OSD LANG**: Select the OSD language (ENGLISH, FRENCH, GERMAN, ITALIAN, JAPANESE, PORTUGUESE, SPANISH and NEDERLANDS).
- **OSD MESSAGE**: Turn the OSD message function on/ off.
- **RESET**: Reset all settings to the original (factory) settings.
- **FIRMWARE** : New F/W can upgraded from the memory card.
 - **EDITION** : Show the F/W versions.
 - **UPDATE** : Used to update the F/W.

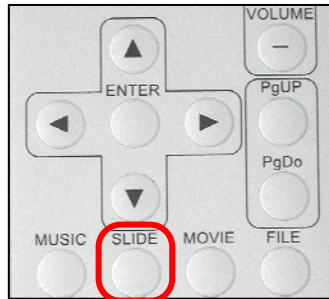


7. USING THE P102-12

Copy files (music, picture and movie) to the memory card first.

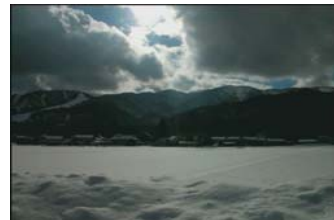
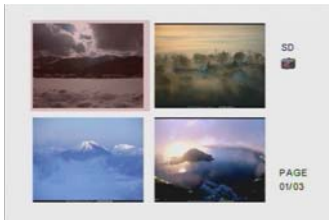
7.1 PLAY PICTURE FILE

Step 1: Press the “SLIDE” button on the remote control from any menu.



Step 2: The preview mode will show all the picture files on the memory card.

Use the “▲、▼、◀、▶” buttons to select the picture file, and press the “ENTER” button to play the picture file.

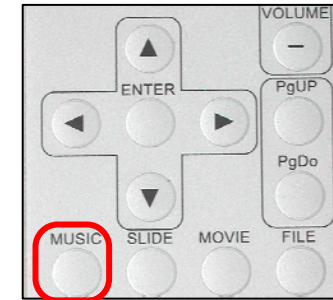


Step 3: If the “SLIDESHOW MODE” is disabled, press the “NEXT” button to play the next picture file, the “PREV” button to play the previous file.



7.2 PLAY MUSIC FILE

Step 1: Press the “MUSIC” button on the remote control from any menu.



Step 2: The “MUSIC LIBRARY” will show all the music files on the memory card.

Use the “▲、▼” buttons to select the music file, and press the “ENTER” button to play the music file.

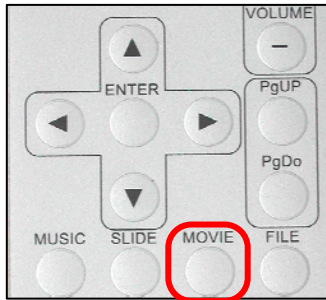


Step 3: Press the “NEXT” button to play the next music file, the “PREV” button to play the previous file.



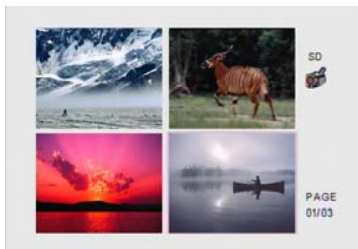
7.3 PLAY MOVIE FILE

Step 1: Press the “MOVIE” button on the remote control from any menu.



Step 2: The preview mode will show all the video files on the memory card.

Use the “▲、▼、◀、▶” buttons to select the movie file, and press the “ENTER” button to play the movie file.

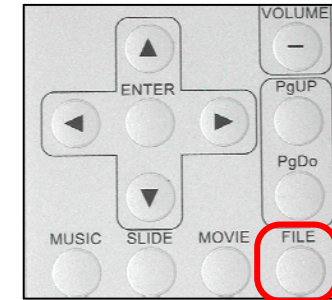


Step 3 : Press the “NEXT” button to play the next movie file, the “PREV” button to play the previous file.



7.4 FILE LIBRARY

Step 1 : Press the “FILE” button on the remote control from any menu.



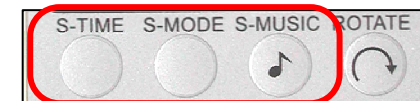
Step 2 : You can see all the files (including picture, music and movie) on the left panel of the “FILE LIBRARY”. Press the “▲、▼” buttons to select a file, and the information of the file will be shown on the right panel.



7.5 HOT KEY

You can use the “S-TIME”, “S-MODE” or “S-MUSIC” hot key on the remote control without selecting from the “Setup Menu”. (These functions are only used for playing picture files.)

- **S-TIME** : Interval time with 1,3, 5,10, 30, 60 seconds.
- **S-MODE** : With sequential, random auto slide shows etc 14 kind of selections
- **S-MUSIC** : Play the picture and music files at the same time.



8. USING THE RFID FUNCTION

Ex. Using the 5 Tags, the number marked on tag is 1, 2, 4, 8 and 16 respectively.

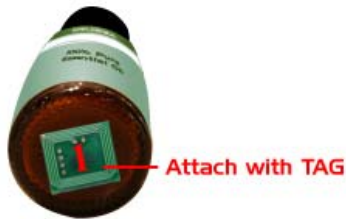


8.1 DEMO FILES

- Make 6 demo files (include 1 default file and 5 demo files), and name the default file as 00000_xxx.xxx.
- Name the other 5 demo file:
First file: **00001**_xxx.xxx Second file: **00002**_xxx.xxx Third file: **00004**_xxx.xxx
Fourth file: **00008**_xxx.xxx Fifth file: **00016**_xxx.xxx
- Put the 6 demo files in the memory card, and insert to the P102-12.

8.2 ATTACH THE TAGS TO PRODUCTS

- Attach the tag that marked **No. 1** to the first product, and attach the other tags to the corresponding products.



8.3 PLAY THE DEMO FILE

- Confirm the “**RFID**” function is enabled.
“SLIDESHOW SETUP” → “AUTO START” → “RFID”
- Approach the product with tag to the Eyezone P102-12, and the Eyezone P102-12 will play the corresponding file.

NOTE: The distance of reaction should not exceed 2 centimeters

9. TROUBLESHOOTING

Situation	Check Point
No Picture	1. Check if the power supply is connected. 2. Make sure the P102-12 is turned on.
No response from the remote control	1. Make sure there is a clear view between the remote control and the device. 2. Change the remote control's batteries.
Memory card	1. Push cards gently and securely. 2. If the card does not insert easily, check the direction. 3. Confirm format of the card. P102-12 supports CF, SD, MMC and MS (Pro) memory card.
No sound	1. Check if the mute function is on. 2. Check if the volume is turned up.
No Responding while approaching the tagged product to P102-12	1. Confirm the “RFID” function is enabled. (refer to 8.3) 2. The distance of reaction should not exceed 2 centimeters.